



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

**BRUCE RAUNER**, GOVERNOR

**ALEC MESSINA**, DIRECTOR

## MEMORANDUM

Date: March 16, 2017

To: BOL - File

From: Tom Miller – FOS - Collinsville

Subject: 1190400007 – Madison County  
Granite City/Mayco Industries (NL/Taracorp)  
Superfund/Technical Reports  
**ILD096731468**

### **RE: NL/Taracorp - Remedial Action 2016 - Weekly Site Inspection Summary #9**

On December 7, 2016, this writer continued oversight of the NL/Taracorp residential lead soil remediation cleanup project. This project is being conducted by Leed Environmental and Environmental Works under a contract with the NL Industries/Taracorp Superfund Site Group. The work is being performed per an ongoing Consent Order issued by U.S. EPA Region V. The NL/Taracorp Group performed the remedial activities following the procedures provided in the Updated Remedial Action Work Plan, revised in August 2016.

I arrived on-site at 0945 hours. The weather was 36 Degrees F. and cloudy sunny at the time of my visit.

While on-site I observed the status of clean soil backfill activities at 2263 State Street, Granite City (Photos 001 through 003) and 2222 Edison, Granite City (Photos 004 and 005), 816 Iowa, Madison (Photo – 009) and 2263 State, Granite City Photo – 010).

I left the site at 1030 hours.

On December 8, 2016, I returned to the area at 1345 hours. The weather was 28 Degrees F. and sunny at the time of my visit.

While in the area I observed the status of clean soil backfill activities at 2222 Edison, Granite City (Photos 001 and 002), 816 Iowa, Madison (Photo – 003) and 1119 Reynolds Street, Madison (Photos 004 through 006).

I left the site at 1430 hours.

On December 9, 2016, I returned to the area at 1500 hours. The weather was 32 degrees F. and partly cloudy at the time of my visit.

While in the area I observed the status of clean soil backfill activities at 1119 Reynolds, Madison (Photos 001 and 002) and 1608 Kennedy, Madison (Photos 003 and 004).

I left the site at 1530 hours.

cc: Erin Rednour – Federal Sites Remediation Section

cc: Sheri Bianchin – US EPA Region V



**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12072016-Exp. #001-002 jpg



**Date:** 12/07/2016  
**Time:** 0950  
**Direction:** West/NW  
**Photo by:** Tom Miller  
**Exposure #:** 001  
**Comments:** 2263 State,  
Granite City. Backfill  
complete.



**Date:** 12/07/2016  
**Time:** 0952  
**Direction:** West/NW  
**Photo by:** Tom Miller  
**Exposure #:** 002  
**Comments:** 2263 State,  
Granite City. Backfill  
complete.





**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12072016-Exp. #003-004 jpg



**Date:** 12/07/2016  
**Time:** 0954  
**Direction:** West/NW  
**Photo by:** Tom Miller  
**Exposure #:** 003  
**Comments:** 2263 State,  
Granite City. Backfill  
complete.



**Date:** 12/07/2016  
**Time:** 0957  
**Direction:** South/SW  
**Photo by:** Tom Miller  
**Exposure #:** 004  
**Comments:** 2222  
Edison, Granite City.  
Backfill complete.



***DIGITAL PHOTOGRAPHS*** File Names: 1190400007~12072016-Exp. #005 jpg



**Date:** 12/07/2016  
**Time:** 1000  
**Direction:** South  
**Photo by:** Tom Miller  
**Exposure #:** 005  
**Comments:** 2222  
**Edison, Granite City.**  
**Backfill complete.**





**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12082016-Exp. #001-002 jpg



**Date:** 12/08/2016  
**Time:** 1345  
**Direction:** North/NE  
**Photo by:** Tom Miller  
**Exposure #:** 001  
**Comments:** 2222  
**Edison, Granite City.**  
**Backfill complete.**



**Date:** 12/08/2016  
**Time:** 1350  
**Direction:** South  
**Photo by:** Tom Miller  
**Exposure #:** 002  
**Comments:** 2222  
**Edison, Granite City.**  
**Backfill complete.**





**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12082016-Exp. #003-004 jpg



**Date:** 12/08/2016  
**Time:** 1405  
**Direction:** North  
**Photo by:** Tom Miller  
**Exposure #:** 003  
**Comments:** 816 Iowa,  
Madison. Rock backfill  
on top of clean soil  
complete.



**Date:** 12/08/2016  
**Time:** 1415  
**Direction:** South/SE  
**Photo by:** Tom Miller  
**Exposure #:** 004  
**Comments:** 1119  
Reynolds, Madison.  
Clean soil backfill  
activities.





**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12082016-Exp. #005-6 jpg



**Date:** 12/08/2016  
**Time:** 1420  
**Direction:** South  
**Photo by:** Tom Miller  
**Exposure #:** 005  
**Comments:** 1119  
Reynolds, Madison.  
Clean soil backfill  
activities.



**Date:** 12/08/2016  
**Time:** 1428  
**Direction:** West/NW  
**Exposure #:** 006  
**Comments:** 1119  
Reynolds, Madison.  
Clean soil backfill  
activities.





**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12092016-Exp. #001-002 jpg



**Date:** 12/09/2016  
**Time:** 1500  
**Direction:** North  
**Photo by:** Tom Miller  
**Exposure #:** 001  
**Comments:** 1119  
Reynolds, Madison.  
Clean backfill complete.



**Date:** 12/09/2016  
**Time:** 1508  
**Direction:** East/NE  
**Photo by:** Tom Miller  
**Exposure #:** 002  
**Comments:** 1119  
Reynolds, Madison.  
Clean backfill complete.



**DIGITAL PHOTOGRAPHS** File Names: 1190400007~12092016-Exp. #003-004 jpg

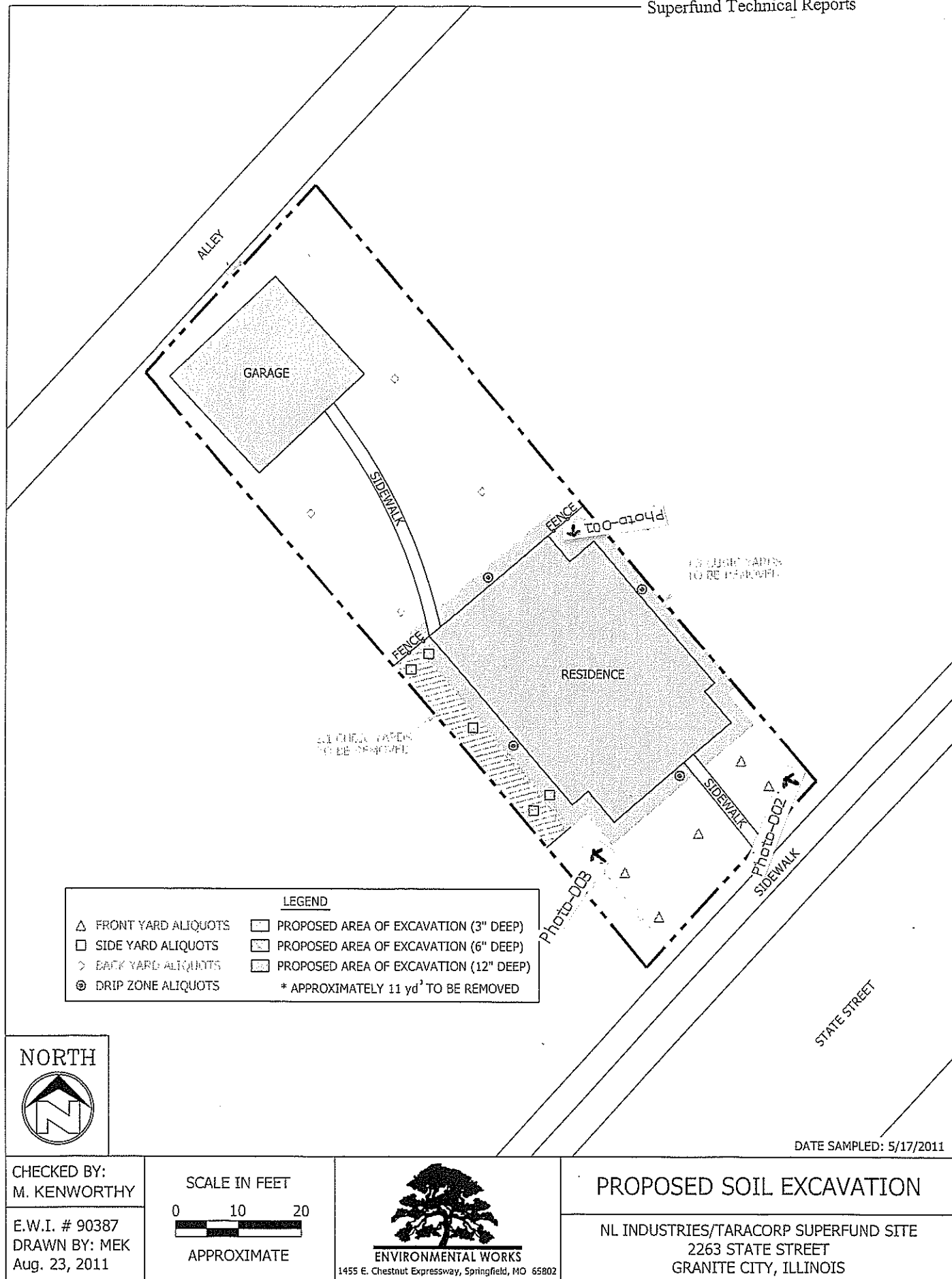


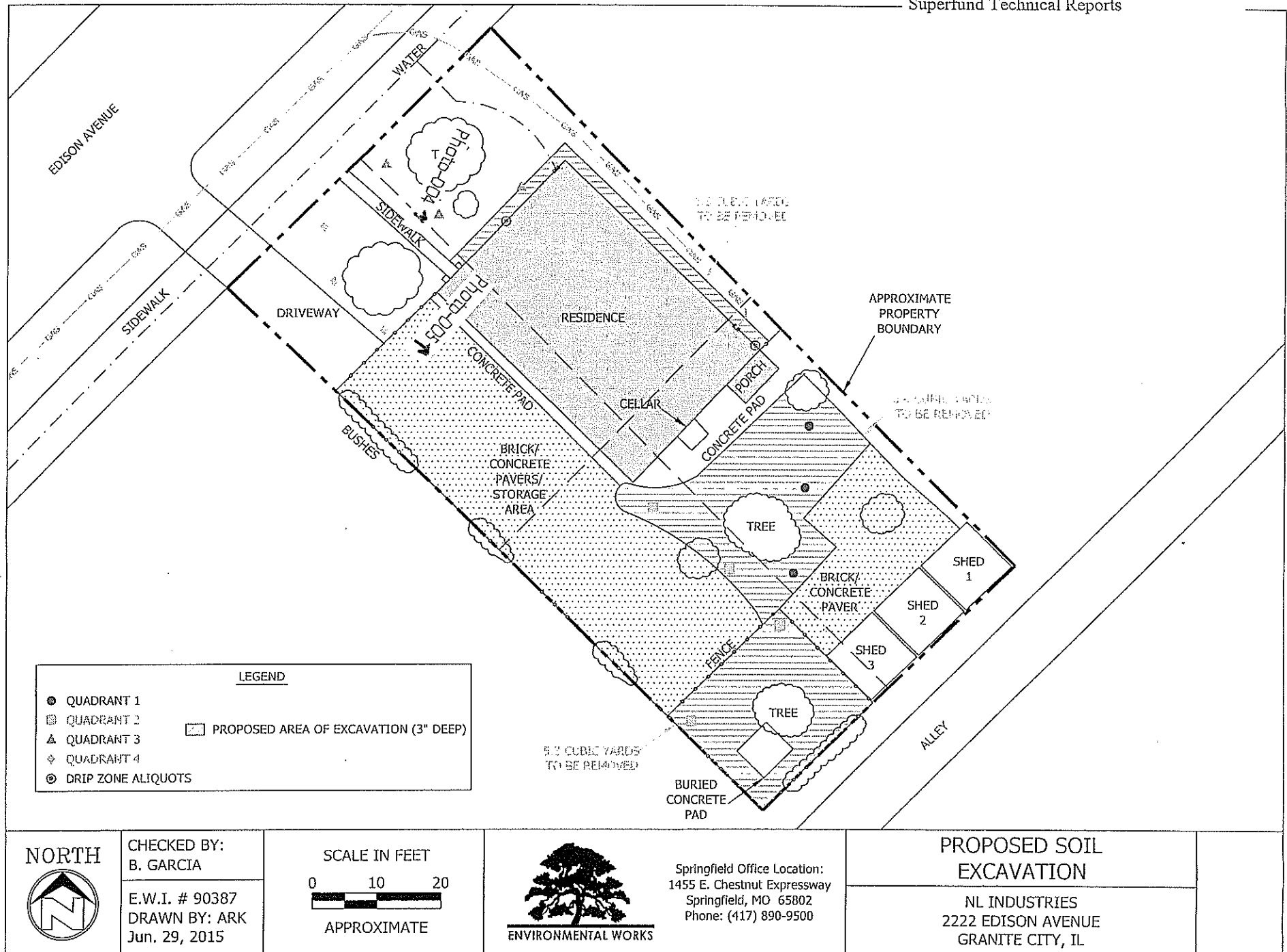
**Date:** 12/09/2016  
**Time:** 1515  
**Direction:** Northwest  
**Photo by:** Tom Miller  
**Exposure #:** 003  
**Comments:** 1608  
Kennedy, Madison.  
Clean soil backfill  
activities.



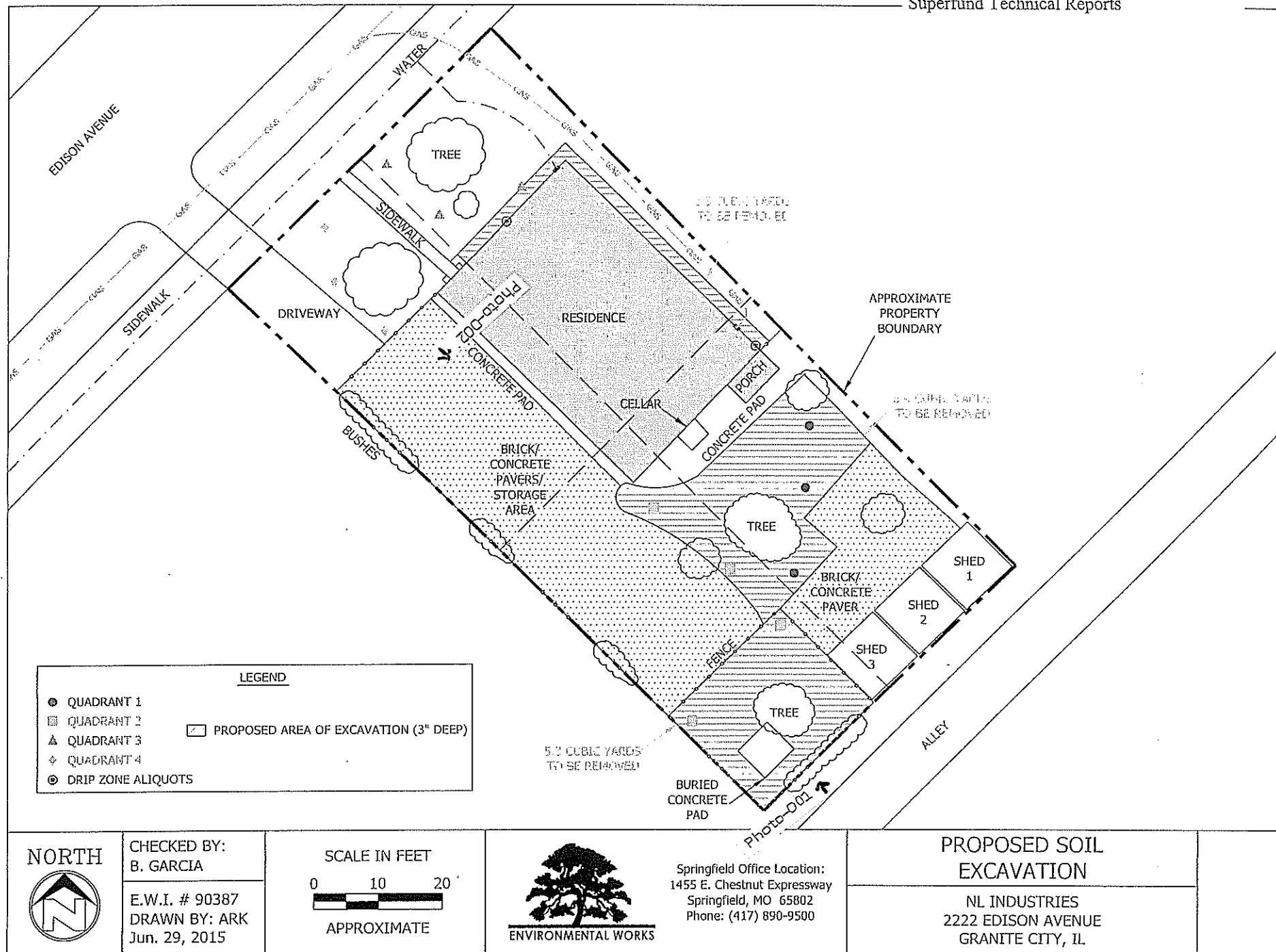
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**Time:** 1530  
**Direction:** West  
**Photo by:** Tom Miller  
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**Comments:** 1608  
Kennedy, Madison.  
Clean soil backfill  
activities.

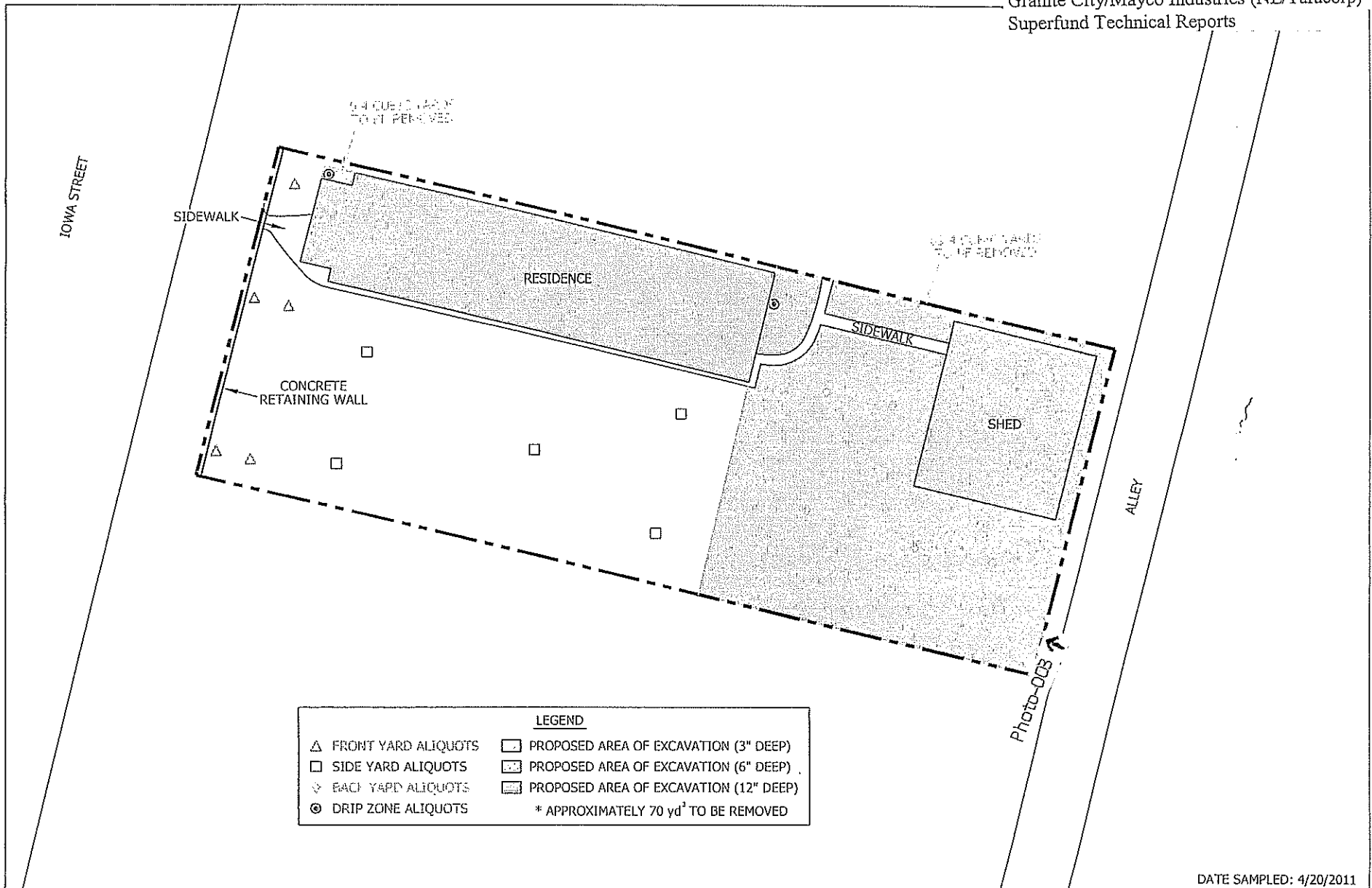












DATE SAMPLED: 4/20/2011

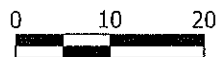
NORTH



CHECKED BY:  
M. KENWORTHY

E.W.I. # 90387  
DRAWN BY: MEK  
Jan. 8, 2013

SCALE IN FEET



APPROXIMATE



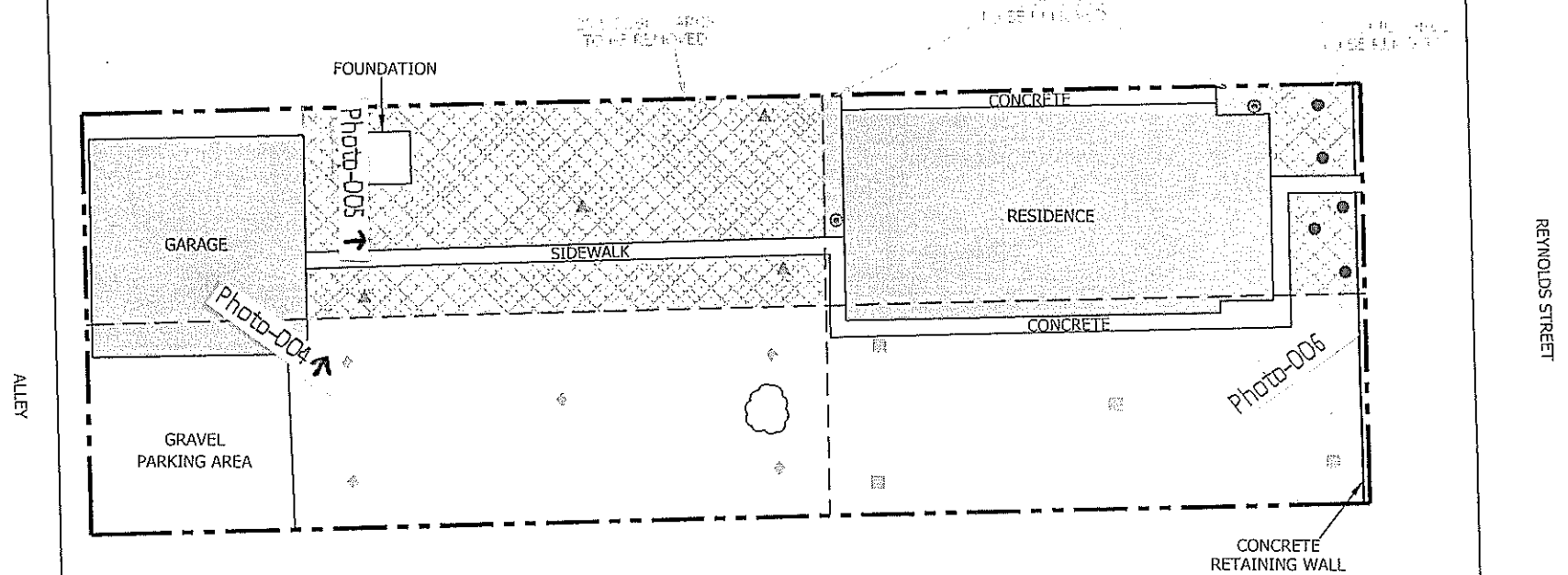
ENVIRONMENTAL WORKS

Springfield Office Location:  
1455 E. Chestnut Expressway  
Springfield, MO 65802  
Phone: (417) 890-9500

PROPOSED SOIL EXCAVATION

NL INDUSTRIES/TARACORP SUPERFUND SITE  
816 IOWA STREET  
MADISON, ILLINOIS





| LEGEND   |  |
|--|--|
| ● QUADRANT 1                                     | □ PROPOSED AREA OF EXCAVATION (3" DEEP)  |
| ■ QUADRANT 2                                     | ▨ PROPOSED AREA OF EXCAVATION (6" DEEP)  |
| ▲ QUADRANT 3                                     | ▩ PROPOSED AREA OF EXCAVATION (12" DEEP) |
| ◆ QUADRANT 4                                     |  |
| ⊙ DRIP ZONE ALIQUOTS                             |  |
| * APPROXIMATELY 31 yd <sup>3</sup> TO BE REMOVED |  |

DATE SAMPLED: 5/18/2011

NORTH

CHECKED BY:  
M. KENWORTHYE.W.I. # 90387  
DRAWN BY: MEK  
Jan. 8, 2013

SCALE IN FEET



APPROXIMATE

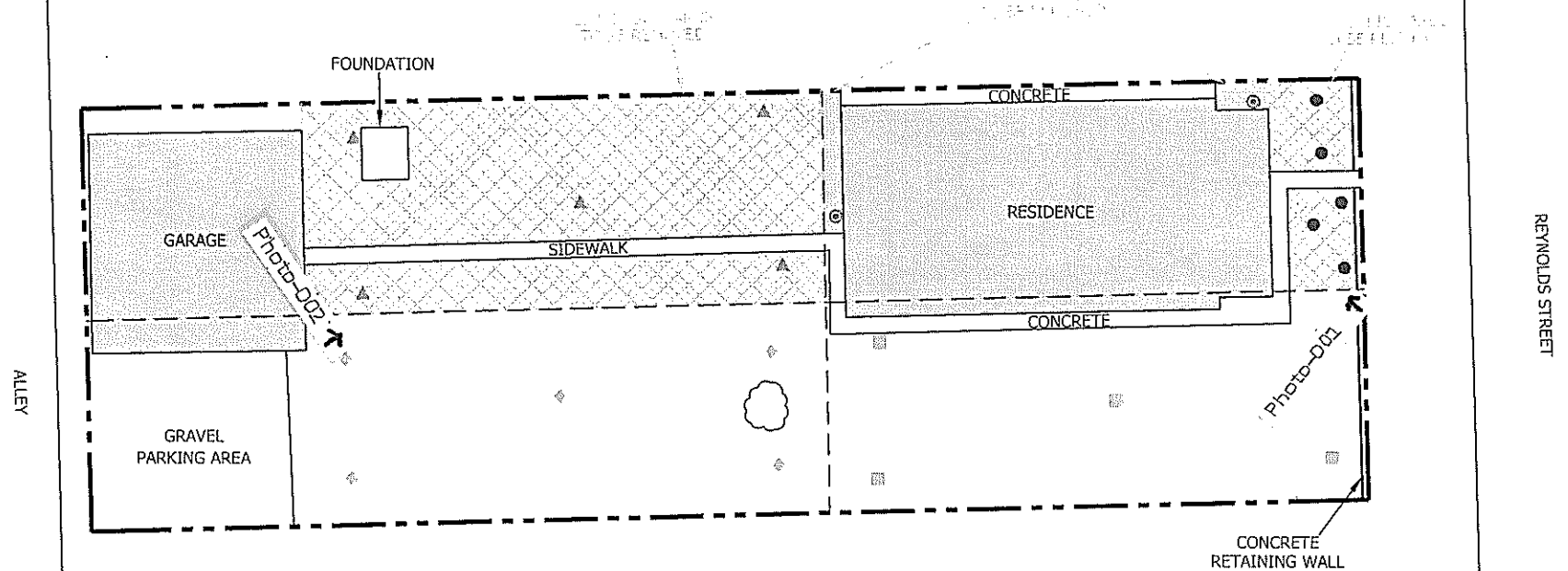


ENVIRONMENTAL WORKS

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## PROPOSED SOIL EXCAVATION

NL INDUSTRIES/TARACORP SUPERFUND SITE  
1119 REYNOLDS STREET  
MADISON, ILLINOIS



| LEGEND   |  |
|--|--|
| ● QUADRANT 1                                     | PROPOSED AREA OF EXCAVATION (3" DEEP)  |
| ■ QUADRANT 2                                     | PROPOSED AREA OF EXCAVATION (6" DEEP)  |
| ▲ QUADRANT 3                                     | PROPOSED AREA OF EXCAVATION (12" DEEP) |
| ◆ QUADRANT 4                                     |  |
| ⊙ DRIP ZONE ALIQUOTS                             |  |
| * APPROXIMATELY 31 yd <sup>3</sup> TO BE REMOVED |  |

DATE SAMPLED: 5/18/2011

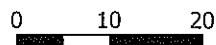
NORTH



CHECKED BY:  
M. KENWORTHY

E.W.I. # 90387  
DRAWN BY: MEK  
Jan. 8, 2013

SCALE IN FEET



APPROXIMATE



ENVIRONMENTAL WORKS

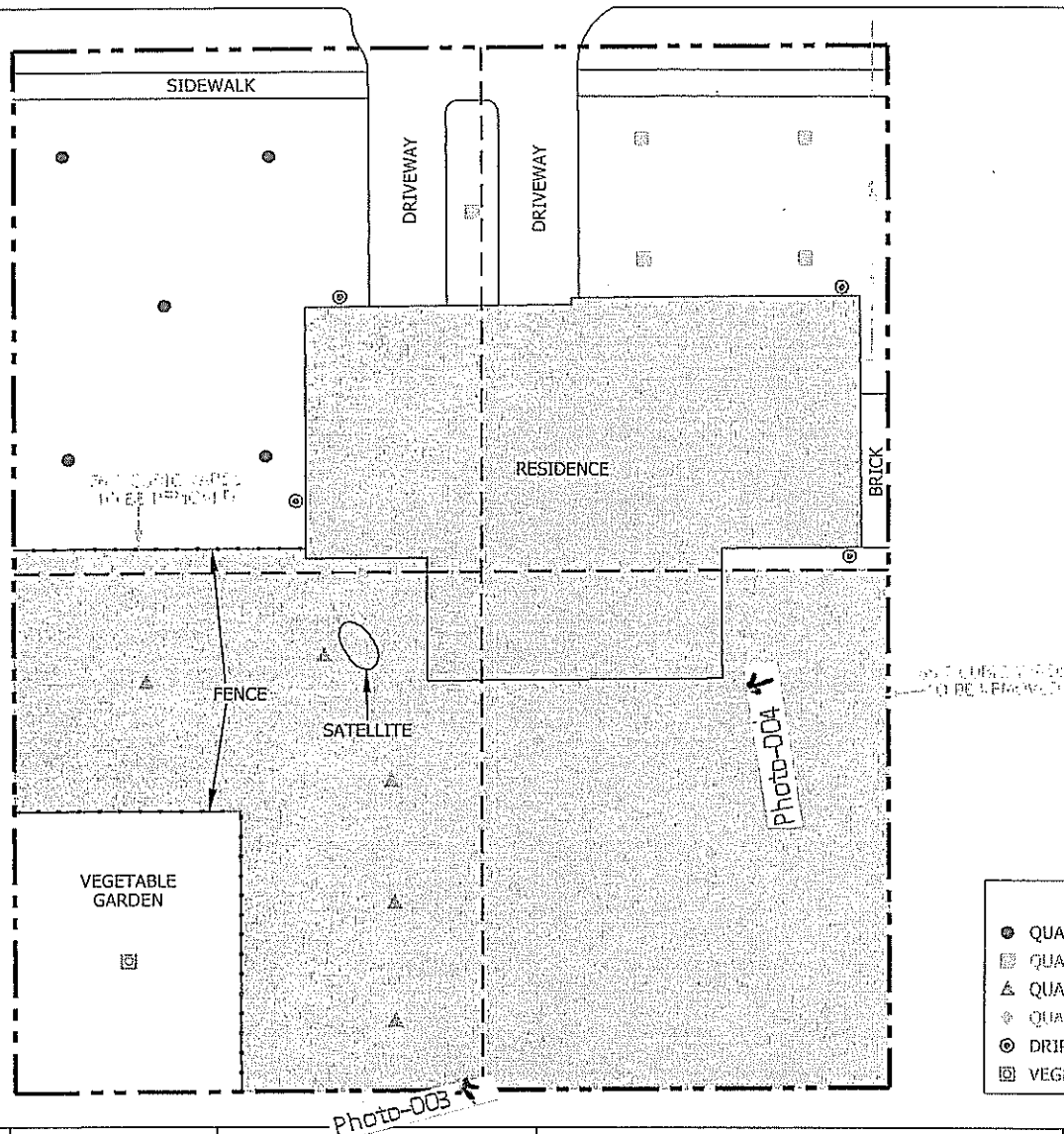
Springfield Office Location:  
1455 E. Chestnut Expressway  
Springfield, MO 65802  
Phone: (417) 890-9500

## PROPOSED SOIL EXCAVATION

NL INDUSTRIES/TARACORP SUPERFUND SITE  
1119 REYNOLDS STREET  
MADISON, ILLINOIS



KENNEDY DRIVE



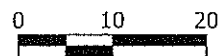
| LEGEND               |   |
|----------------------|---|
| ● QUADRANT 1         | □ PROPOSED AREA OF EXCAVATION (3" DEEP)           |
| ■ QUADRANT 2         | □ PROPOSED AREA OF EXCAVATION (6" DEEP)           |
| ▲ QUADRANT 3         | □ PROPOSED AREA OF EXCAVATION (12" DEEP)          |
| ◆ QUADRANT 4         |   |
| ⊙ DRIP ZONE ALIQUOTS | * APPROXIMATELY 165 yd <sub>3</sub> TO BE REMOVED |
| ⊠ VEGETABLE GARDEN   |   |

DATE SAMPLED: 9/19/2012

NORTH

CHECKED BY:  
M. KENWORTHYE.W.I. # 90387  
DRAWN BY: MEK  
Jan. 10, 2013

SCALE IN FEET



APPROXIMATE



ENVIRONMENTAL WORKS

Springfield Office Location:  
1455 E. Chestnut Expressway  
Springfield, MO 65802  
Phone: (417) 890-9500

## PROPOSED SOIL EXCAVATION

NL INDUSTRIES/TARACORP SUPERFUND SITE  
1608 KENNEDY DRIVE  
MADISON, ILLINOIS